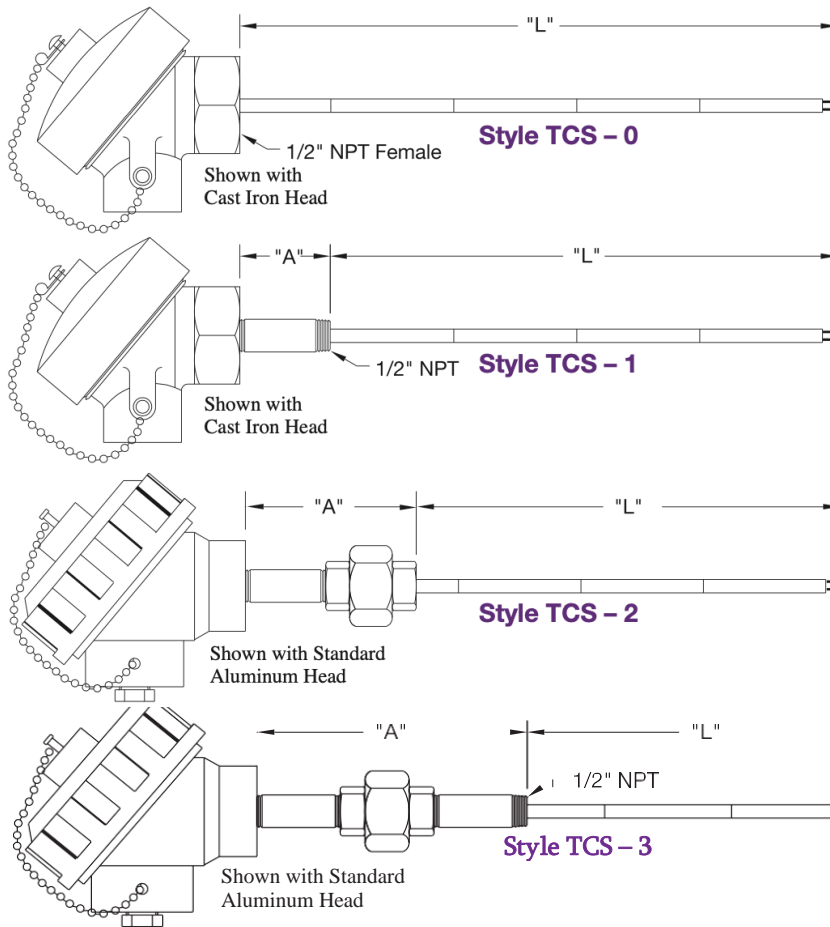


## Thermocouples for Thermowells and Protection Tubes



### Design Features

- \* Ceramic Insulator to insulate wires
- \* Galvanized 1/2" pipe nipple & union
- \* Cast Iron or Aluminum Head
- \* Used with protection tubes and thermowells shown under HK standard thermowells, metal and ceramic protection tubes guide

### Ordering Information

Thermocouples are offered with the options listed in the worksheet below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

Ordering Code:

**ITCR**

1	2	3	4	5	6	7
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

#### Style BOX 1

- 0 = Plain
- 1 = with Nipple
- 2 = with Nipple and Union
- 3 = with Nipple, Union and Nipple

#### Calibration Code BOX 2

- J = Type J
- K = Type K
- X = Other (Specify)

#### Wire Gauge and Insulator Size BOX 3

- B = 20 ga. (.172" · .118" insulator)
- C = 14 ga. (.375" · .217" insulator)
- D = 8 ga. (.437" · .250" insulator)
- X = Other (Specify)

#### "L" Dimension BOX 4

- Whole inches
- 00 to 99

#### "A" Dimension (TCS -1, TCS -2 & TCS -3 only) BOX 5

01 to 99 inches or use Codes below for standard length  
Enter 00 for TCS - 0 Style

**TCS1**  
S1 = 1"  
S2 = 2-1/2"  
S3 = 5-1/2"

**TCS2**  
S1 = 2-1/2"  
S2 = 4"  
S3 = 7"

**TCS3**  
S1 = 3-1/2"  
S2 = 6-1/2"  
S3 = 12-1/2"

#### Connection Head BOX 6

- A = Standard Size Aluminum
- H = Standard Cast Iron
- S = Stainless Steel

**Note:** All have 1/2" conduit connection (3/4" available).

#### Special Requirements BOX 7

- X = Specify
- 0 = None

